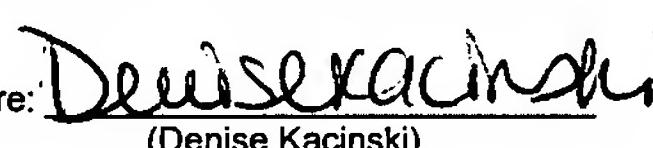




I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: May 23, 2007

Signature:   
(Denise Kacinski)

Docket No.: 62078(51590)  
(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Gavril W. Pasternak et al.

Application No.: 10/588,679

Confirmation No.: 5097

Filed: August 8, 2006

Art Unit: Unknown

For: IDENTIFICATION AND  
CHARACTERIZATION OF MULTIPLE  
SPLICE VARIANTS OF THE MU OPIOID  
RECEPTOR GENE

Examiner: Not Yet Assigned

### **RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

MS Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notification Of Missing Requirements Under 35 U.S.C 371 In The United States Designated/Elected Office (Do/Eo/Us) mailed March 15, 2007, Applicant respectfully submits a Combined Declaration and Power of Attorney, a Petition for Extension of Time, and Part 2 Copy of Notice.

Please charge our Deposit Account No. 04-1105 in the amount of \$125.00 covering the fees set forth in 37 CFR 1.17(a)(1) and 1.16(f). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by

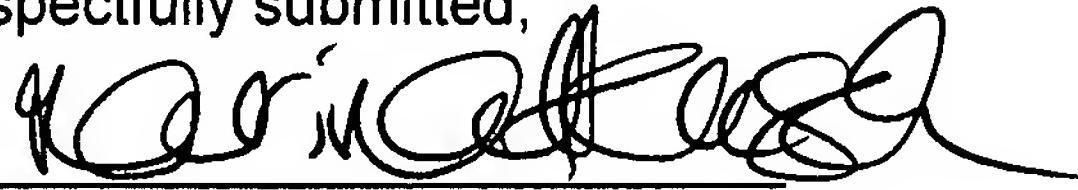
05/31/2007 MKAYPAGH 00000162 041105 10588679

01 FC:2617 65.00 DA

this firm) to our Deposit Account No. 04-1105, under Order No. 62078(51590).

Dated: May 23, 2007

Respectfully submitted,

By 

Marina Heusch

Registration No.: 47,647  
EDWARDS ANGELL PALMER & DODGE  
LLP  
P.O. Box 55874  
Boston, Massachusetts 02205  
(203) 353-6840  
Attorneys/Agents For Applicant



**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/588,679	Gavril W. Pasternak	62078(51590)

INTERNATIONAL APPLICATION NO.

PCT/US05/04548

I.A. FILING DATE	PRIORITY DATE
02/11/2005	02/13/2004

21874  
 EDWARDS & ANGELL, LLP  
 P.O. BOX 55874  
 BOSTON, MA 02205



CONFIRMATION NO. 5097  
 371 FORMALITIES LETTER



\*OC000000022905941\*

Date Mailed: 03/15/2007

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 08/08/2006
- Copy of the International Search Report filed on 08/08/2006
- Preliminary Amendments filed on 08/08/2006
- Information Disclosure Statements filed on 02/27/2007
- Biochemical Sequence Diskette filed on 08/08/2006
- Oath or Declaration filed on 08/08/2006
- Small Entity Statement filed on 08/08/2006
- Request for Immediate Examination filed on 08/08/2006
- U.S. Basic National Fees filed on 08/08/2006
- Priority Documents filed on 08/08/2006
- Specification filed on 08/08/2006
- Claims filed on 08/08/2006
- Abstracts filed on 08/08/2006
- Drawings filed on 08/08/2006
- Paper nucleotide sequence listings filed on 08/08/2006
- Paper Computer Listings filed on 08/08/2006

The applicant needs to satisfy supplemental fees problems indicated below

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does

**NOTED ON SYSTEM  
 SEE OTHER SIDE**

not comply with 37 CFR 1.497(a) and (b) in that it:

- is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is **\$65** for a Small Entity:

- **\$65 Surcharge.**

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

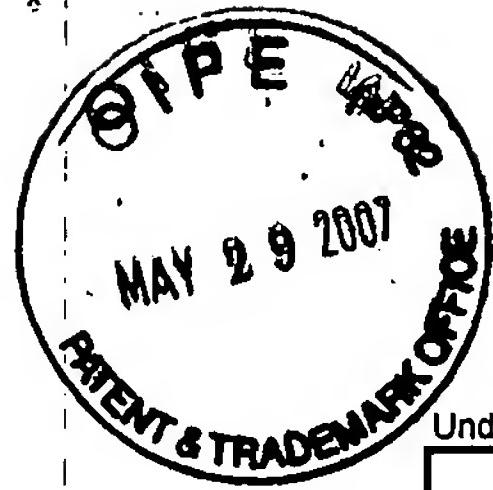
LAMONT M HUNTER

Telephone: (703) 308-9140 EXT 201

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/588,679	PCT/US05/04548	62078(51590)

FORM PCT/DO/EO/905 (371 Formalities Notice)



PTO/SB/21 (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/588,679
Filing Date	August 8, 2006
First Named Inventor	Gavril W. Pasternak
Art Unit	Unknown
Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	Attorney Docket Number 62078(51590)

### ENCLOSURES (Check all that apply)

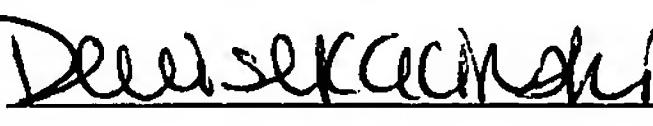
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Part 2 Copy of Notice Declaration Return Receipt Postcard
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
<input checked="" type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Remarks	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	EDWARDS ANGELL PALMER & DODGE LLP		
Signature			
Printed name	Marina Heusch		
Date	May 23, 2007	Reg. No.	47,647

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: May 23, 2007

Signature:  (Denise Kacinski)